

Illinois Commerce Commission**Pipeline Safety****Pipeline Safety Report****Inspection #: 2015-P-00345**

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Exit Meeting Contact: John Bozarth	Total Man Days: 1
Pipeline Safety Representative(s): Jim Watts	
Company Representative to Receive Report: Michael Fuller	<u>Emailed Date:</u>
Company Representative's Email Address: mfuller2@ameren.com	10/08/2015

Inspection Summary

Inspection Type	Location	ICC Analyst	Inspection Unit(s)	Man Day(s)	Inspection Date(s)	Contact(s)
Standard Inspection Other	Pawnee	Jim Watts	Springfield	1	6/16/2015 (Half), 6/23/2015 (Half)	John Bozarth

Statement of Activities

On June 16th and the 23rd, Staff met with Ameren Illinois ("Ameren") Officials to review the findings of the natural gas outage (Outage) that occurred in Chatham, Illinois (Chatham) on June 15, 2015. In total, approximately 1960 customers were affected due to the outage that occurred after an Ameren crew cut off gas supply to the west side of Chatham. The outage occurred due to multiple cut offs that were completed after the recent coupled steel main replacement project on the west side of Chatham. Preliminary reviews indicate the cut off conducted on June 15, 2015, was the sole supply point for the west side of Chatham.

Due to the outage, Staff reviewed procedures currently in place at Ameren for conducting a squeeze off on plastic piping and the requirements for monitoring system pressure while conducting a cut off or squeeze off. Staff established, currently there is no requirement in the squeeze off section defined in POLY 2.02 that requires the use of gauges to monitor system pressure while conducting a squeeze off. Staff established there was no reference in POLY 2.02 to the applicable procedure located in PRES 2.03 "Pressure Monitoring for Potential Overpressure or Service Interruption" which requires personnel to monitor system pressure when conducting a squeeze off on systems that depend upon a two way feed to supply the system. It was established that Ameren Gas Engineering was not consulted prior to conducting the cut off on June 15th to determine how this system change may affect gas flows or to establish if a potential for loss of supply was possible. Currently, there is no requirement for Gas Engineering to be notified prior to a crew conducting a cut off or tie in after completion of the design phase of a project. When multiple cut offs are required in a system, Gas Engineering should be required to provide crews and or inspectors with a sequence for which the work should be conducted. Due to this, Ameren is requested to establish a requirement indicating that Gas Engineering shall be consulted prior to conducting a squeeze off or cut off to ensure the action will not affect system supply.

Due to the event's that appear to have resulted in the outage in Chatham, Staff requests that Ameren conduct a Root Cause Analysis of the actions leading up to and including the cut off that resulted in the outage and review the associated procedures that are currently in affect. The findings of the Root Cause Analysis shall be provided to the Pipeline Safety Section of the Illinois Commerce Commission upon completion of the review.

Exit Statement

N/A

INSPECTION FINDINGS**Standard Inspection Other****Issues(s) Found:**

[NO ISSUES FOUND]

Illinois Commerce Commission

Pipeline Safety

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Notice Of Amendment(s) Found:

2015-A001-00087 (Code Part [192.605(b) (1)]) - On June 16th and the 23rd, Staff met with Ameren Illinois ("Ameren") Officials to review the findings of the natural gas outage (Outage) that occurred in Chatham, Illinois (Chatham) on June 15, 2015. In total, approximately 1960 customers were affected due to the outage that occurred after an Ameren crew cut off gas supply to the west side of Chatham. The outage occurred due to multiple cut offs that were completed after the recent coupled steel main replacement project on the west side of Chatham. Preliminary reviews indicate the cut off conducted on June 15, 2015, was the sole supply point for the west side of Chatham. Due to the outage, Staff reviewed procedures currently in place at Ameren for conducting a squeeze off on plastic piping and the requirements for monitoring system pressure while conducting a cut off or squeeze off. Staff established, currently there is no requirement in the squeeze off section defined in POLY 2.02 that requires the use of gauges to monitor system pressure while conducting a squeeze off. Staff established there was no reference in POLY 2.02 to the applicable procedure located in PRES 2.03 "Pressure Monitoring for Potential Overpressure or Service Interruption" which requires personnel to monitor system pressure when conducting a squeeze off on systems that depend upon a two way feed to supply the system. It was established that Ameren Gas Engineering was not consulted prior to conducting the cut off on June 15th to determine how this system change may affect gas flows or to establish if a potential for loss of supply was possible. Currently, there is no requirement for Gas Engineering to be notified prior to a crew conducting a cut off or tie in after completion of the design phase of a project. When multiple cut offs are required in a system, Gas Engineering should be required to provide crews and or inspectors with a sequence for which the work should be conducted. Due to this, Ameren is requested to establish a requirement indicating that Gas Engineering shall be consulted prior to conducting a squeeze off or cut off to ensure the action will not affect system supply. Due to the event's that appear to have resulted in the outage in Chatham, Staff requests that Ameren conduct a Root Cause Analysis of the actions leading up to and including the cut off that resulted in the outage and review the associated procedures that are currently in affect. The findings of the Root Cause Analysis shall be provided to the Pipeline Safety Section of the Illinois Commerce Commission upon completion of the review.

Notice Of Violation(s) Found:

[NO NOPVS FOUND]

PAST INSPECTION FINDINGS

Issue(s) Corrected:

[NO ISSUES CORRECTED]

Notice Of Amendment(s) Corrected:

[NO NOAS CORRECTED]

Notice of Violations(s) Corrected:

[NO NOPVS CORRECTED]